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(54) Title: **ORGANIC FIBERS AND TEXTILE PRODUCTS**

(57) Abstract: A high-strength, heat-resistant organic fiber and textile product each comprising or having coated thereon an aqueous emulsion is provided. The emulsion comprises or is produced from a fluorocarbon silane or an emulsion, said emulsion comprises or is produced from (1) a fluorocarbon silane or its hydrolyzate, (2) water, and (3) optionally a surfactant, an alkoxysilane compound, catalyst, or combinations of two or more thereof; said fluorocarbon silane having the formula $R_f-(CH_2)_p-Si\{-(O-CH_2CH_2)_n-OR^1\}_3$; R_f is a C_{3-18} perfluoroalkyl group or combinations of two or more thereof; each R^1 is independently one or more C_{1-3} alkyl groups; p is 2 to 4; and n is 2 to 10. Also disclosed is a process for producing the emulsion, the fiber, and the textile product.

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